

For Research Use Only

# CoraLite® Plus 488-conjugated DDX23 Recombinant antibody

Catalog Number: CL488-85763-4



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85763-4	BC002366	Protein A purification
Size:	GeneID (NCBI):	Clone No.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	9416	243147B4
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q9BUQ8	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG0258	96 kDa	
	Observed MW:	
	96-100 kDa	

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : U2OS cells,
Species Specificity:	
human, mouse	

## Background Information

DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23, synonyms: prp28, MGC8416, U5-100K) is a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX23 is a component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing.

## Storage

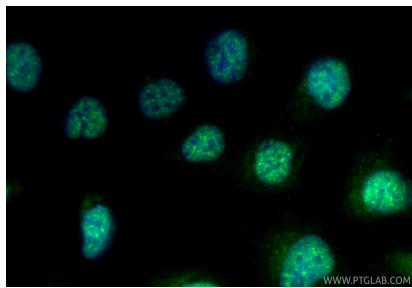
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 DDX23 antibody (CL488-85763-4, Clone: 243147B4 ) at dilution of 1:200.